

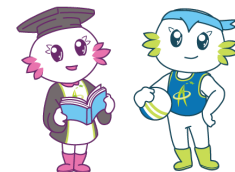


香港資優教育學苑

The Hong Kong Academy for Gifted Education

香港特別行政區政府教育局資助

Subvented by the Education Bureau, the Government of the HKSAR



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E2MUL001C

(Token- required)

[**Gifted Programme**]

Art and Science Course (Level II)

Candle Innovation Lab

Ms Janette Lo

Founder of Jello Candle



Application Deadline

**18 Aug 2025 12:00
noon**

Result Release

22 Aug 2025

Intended Learning Outcomes

Upon completion of the gifted programme, gifted students should be able to:

1. explain candle combustion chemistry & heat transfer principles through material experimentation
2. optimize designs by testing thermal properties of molds and wick structures
3. produce various gradient colors candles and eco-upcycled projects
4. develop problem-solving solutions and present designs effectively

If student members withdraw from the programme after the Application Deadline, the token will be deducted.

◆ Gifted Programme Introduction

Hands-On Interdisciplinary Learning: Ignite Your Scientific and Creative Sparks!

In this course, you will become both a scientist and an artist, exploring the mysteries behind candles. From combustion chemical reactions and thermal conduction experiments to optimizing wick structures and mold designs, you will use mathematical calculations to determine material ratios and learn artistic dyeing techniques to create unique gradient candles and eco-friendly upgrades.

This course is guided by a professional instructor with 20 years of experience. You will personally complete container candles, geometric-shaped candles, and more, which you can take home to showcase! Whether you are a science enthusiast, a design lover, or someone who enjoys hands-on activities, this course will allow you to unleash your creativity and develop problem-solving skills.

◆ Schedule

Session	Date	Time	Venue
1	20 Sep	10:00 a.m. – 1:00 p.m.	Physics Laboratory, 4/F, Buddhist Kok Kwong Secondary School Sha Kok Estate, Shatin, N.T., Hong Kong (Map)
2	27 Sep		
3	4 Oct		
4	11 Oct		HKAGE Room 303

◆ Suitable for

- S1 – S3 HKAGE student members in 2025/26 school year.
- Class size: 35
- Student members would be selected randomly by the computer system. The decision of HKAGE on the result of the selection should be final.

◆ Pre-requisite

No special prerequisites are needed

◆ Medium of Instruction

Cantonese with Chinese/English handouts

◆ Certificate

E-Certificate will be awarded to participants who have:

- attended at least 3 sessions; AND
- completed all the assignments with satisfactory performance